

Converting Colors

CIELCh(93, 9.612, 6.441)

Have a look what the booklet for
CIELCh(93, 9.612, 6.441) contains.

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Color

CIELCh(93, 9.618, 7.705)

Conversions

Conversions Part 1

Format	Color
Hex	FFE5E9
RGB	255, 229, 233
RGB Percent	100%, 90%, 91%
CMY	0.0011, 0.1030, 0.0873
CMYK	0.00, 0.10, 0.09, 0.00
HSL	351°, 98%, 95%
HSV	351°, 10%, 100%
XYZ	83.7549, 82.9670, 88.4901
YIQ	237.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

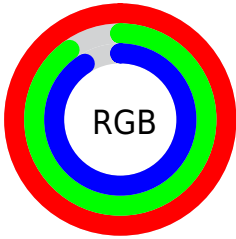
Format	Color
R _Y B	255, 229, 233
Decimal	16770537
CIE Lab	93.00, 9.53, 1.29
CIE LCh	93, 9.618, 7.705
Yxy	82.9670, 0.3282, 0.3251
Android (android.graphics.Color)	4294960617 (0xFFFFE5E9)
YUV	237.2300, -2.0854, 15.5843
Hunter-Lab	91.0862, 4.7321, 6.1602

Details

The CIELCh color **93, 9.618, 7.705** is a light color, and the websafe version is hex FFFFFF. A complement of this color would be **98, 9.181, 186.038**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.298, 10.149** is the 20% darker color. If you saturate the color by 10%, you get **86, 19.599, 8.843**, and if you desaturate by 10%, it is **100, 0.190, 3.556**.

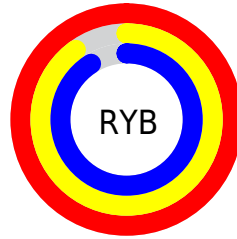
Distribution



Red (100%)

Green (90%)

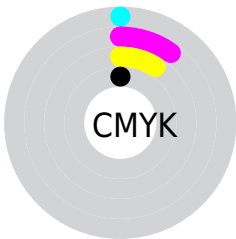
Blue (91%)



Red (100%)

Yellow (90%)

Blue (91%)

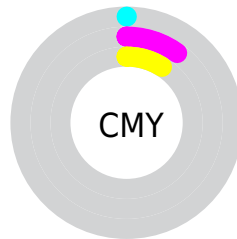


Cyan (0%)

Magenta (10%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (10%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.618, 7.705 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 93, 9.618, 7.705 by changing the saturation by 10% instead.

 93, 9.618, 7.705

 93, 9.618, 7.705

 100, 9.618, 7.705

 83, 9.618, 7.705

 73, 9.618, 7.705

 63, 9.618, 7.705

 53, 9.618, 7.705

 43, 9.618, 7.705

 33, 9.618, 7.705

 23, 9.618, 7.705

 13, 9.618, 7.705

 3, 9.618, 7.705

93, 9.618, 7.705

93, 9.618, 7.705

86, 19.599, 8.843

100, 0.190, 3.556

80, 30.084, 10.184

100, 0.094,
206.479

74, 40.940, 11.833

68, 51.931, 13.904

63, 62.710, 16.534

59, 72.871, 19.872

56, 82.055, 24.016

54, 90.078, 28.876

53, 96.810, 33.764

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



93, 9.618, 7.705



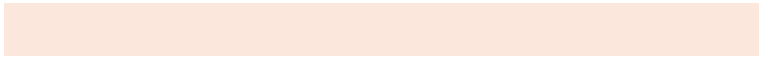
98, 9.181, 186.038

Rectangle

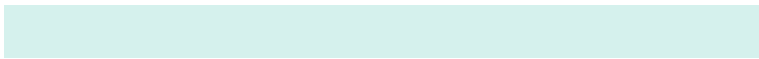
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



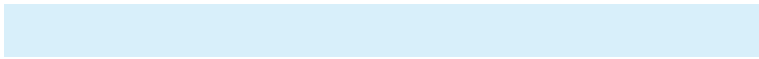
93, 9.618, 7.705



93, 9.618, 57.705



93, 9.618, 187.705



93, 9.618, 237.705

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



93, 9.616, 7.716



98, 2.771, 6.879



93, 15.456, 320.249



52, 2.105, 6.998



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

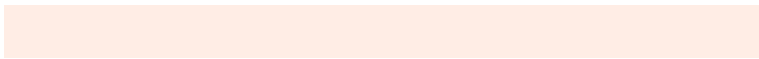
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.616, 7.716



92, 11.379, 7.908



95, 7.691, 54.813



50, 5.352, 7.642



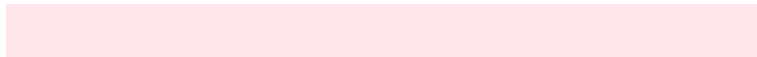
40, 77.287, 32.839



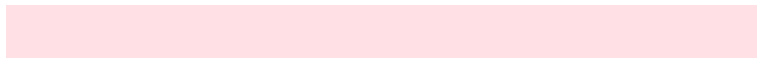
10, 32.258, 20.861

Inverse Universe

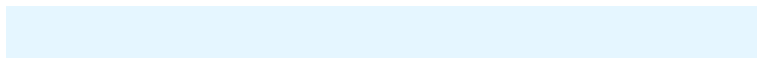
The Inverse Universe completely reimagines the original color for something new.



93, 9.616, 7.716



92, 11.379, 7.908



96, 7.306, 236.701



50, 5.352, 7.642



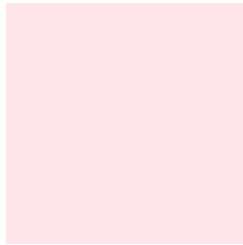
40, 77.287, 32.839



10, 32.258, 20.861

Previews

White Background



This preview shows how the CIELCh color 93, 9.618, 7.705 looks on a white background.

Color Contrast Check

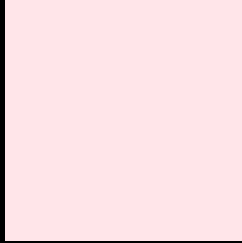
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 93, 9.618, 7.705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

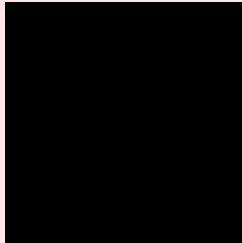
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

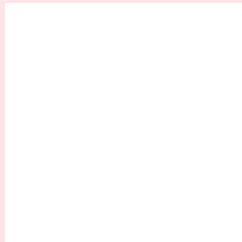
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 93, 9.618, 7.705

Background



This preview shows how black text looks on a background with the CIELCh color 93, 9.618, 7.705.

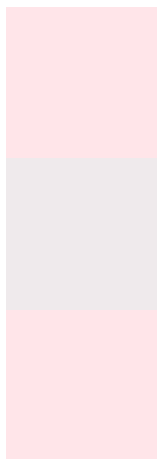


This preview shows how white text looks on a background with the CIELCh color 93, 9.618, 7.705.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

93, 9.618, 7.705

Protanopia

93, 2.069, 349.356

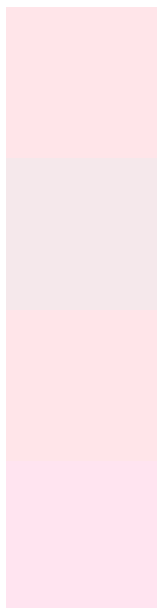
Deuteranopia

93, 9.618, 7.705



Tritanopia
93, 13.289, 339.105

Trichromacy



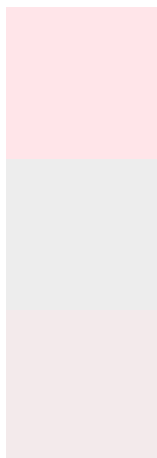
Original Color
93, 9.618, 7.705

Protanomaly
93, 4.911, 1.309

Deuteranomaly
93, 9.618, 7.705

Tritanomaly
93, 11.481, 347.659

Monochromacy



Original Color
93, 9.618, 7.705

Achromatopsia
94, 0.011, 296.813

Achromatomaly
93, 3.259, 10.363

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 93, 9.618, 7.705 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(255, 229, 233)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(255, 229, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 233) }
```

Border

The CSS property to change the border of an element to CIELCh 93, 9.618, 7.705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 229, 233) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(255, 229, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 229, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 233);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
233) }
```

Background

The CSS property to change the background color of an element to CIELCh 93, 9.618, 7.705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(255,  
229, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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